

**Table 13a: "Before" Travel Time Studies-Vine Street (70<sup>th</sup> Street-14<sup>th</sup> Street)**

<b>"BEFORE"</b>	AM Peak 7:00 AM – 8:30 AM		Midday 11:00 AM – 1:00 PM		PM Peak 4:00 PM – 6:00 PM	
Date of Study Day 1: Day 2:	Fri., 2/11/00 Tue., 2/22/00		Fri., 2/11/00 Mon., 2/14/00		Wed., 2/2/00 Thur., 2/3/00	
Travel Time Statistic	EB	<b>WB<sup>1</sup></b>	EB <sup>2</sup>	WB <sup>2</sup>	<b>EB<sup>1</sup></b>	WB
Average Travel Time (sec)	614.4	582.2	579.2	626.2	635.6	588.6
Standard Deviation (sec)	27.8	65.8	36.1	48.6	79.8	47.7
Average Number of Stops	5.9	3.8	5.0	5.1	5.3	5.0
Average Speed (mph)	23.2	24.6	24.7	22.8	22.5	24.2
Standard Deviation (mph)	1.1	2.6	1.6	1.6	2.8	1.9
95% Confidence Interval (mph)	0.9	2.2	1.2	1.2	2.3	1.6
Average Speeds Within This Range (mph) <sup>3</sup> Lower Limit: Upper Limit:	22.3 24.1	22.4 26.8	23.5 25.9	21.6 24.0	20.2 24.8	22.6 25.8
Time Duration Below: 0 mph 7 mph 28 mph	117.8 143.3 274.0	109.4 126.8 234.0	92.9 126.8 244.6	136.0 172.9 294.5	112.0 148.6 319.9	73.0 111.9 262.9
Average Delay (sec)	196.6	165.1	163.5	211.1	217.2	171.1
Number of Runs	8	8	9	9	8	8
Length (feet)	20,941	20,967	20,963	20,967	20,957	20,924

<sup>1</sup>Bolded direction indicates the direction of traffic which is favored by signal timings.

<sup>2</sup>Neither direction is significantly favored by existing signal timings.

<sup>3</sup>Limits of the range of average speed calculated based on the 95% confidence interval.

Note: Posted Speed Limit: 14<sup>th</sup> Street – 17<sup>th</sup> Street = 25 mph

17<sup>th</sup> Street – 70<sup>th</sup> Street = 35 mph

Ideal Travel Time = 416.9 seconds (6 minutes 56.9 seconds)

